



NOTICE OF INTENT TO APPLY FOR A LANDFARMING PERMIT

DEP 7065(2/91)



**Natural Resources and
Environmental Protection Cabinet**

COMMONWEALTH OF KENTUCKY
NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DIVISION OF WASTE MANAGEMENT
18 REILLY ROAD
FRANKFORT, KENTUCKY 40601

NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
SOLID WASTE BRANCH
18 REILLY ROAD
FRANKFORT, KENTUCKY 40601
TELEPHONE NUMBER (502) 564-6716

**NOTICE OF INTENT TO APPLY
FOR A LANDFARMING PERMIT**

GENERAL INSTRUCTIONS

1. **Use of this Application** - Persons who wish to landfarm Class II or Class III sludge, pursuant to 401 KAR 48:200 Section 2, must submit a notice of intent to apply to the Cabinet's Division of Waste Management as the first step in the application for a land-farming permit. Upon review of the Notice of Intent, the Division will notify the applicant as to the determination of the solid waste classification and how to proceed.
2. **Preparation Assistance** - Questions regarding this form should be directed in writing to the Division of Waste Management, Solid Waste Branch, 18 Reilly Road, Frankfort, Kentucky 40601 or by calling (502) 564-6716.
3. **Submission** - The Notice of Intent application (one (1) original and two (2) copies) shall be submitted bound and with a cover letter.
4. **Filing Fees** - Applicants, except publicly owned facilities, must submit filing fees at the time of application submittal in accordance with 401 KAR 47:090.
5. **Laws and Regulations** - The applicant is expected to understand and comply with all laws and regulations regarding solid waste facilities.
6. **Toxicity Characteristic Leaching Procedure(TCLP)** - Solid Waste to be landfarmed shall have passed the toxicity characteristic leaching procedure (TCLP). A copy of the analysis shall be submitted as an attachment to the application.

Note:

You may omit this analysis or specific parameters of the analysis based upon your knowledge of the waste pursuant to 401 KAR 32:010 Section 2. Should you elect to do this a certified statement accepting responsibility will be required. Polychlorinated biphenyls (PCBs) may also be omitted from the standard sludge analysis under the same conditions.

Department for Environmental Protection
Division of Waste Management
Solid Waste Branch

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ATTACHMENTS

ATTACHMENT NUMBER	DESCRIPTION	PAGE NUMBER
1.	USGS Topographic Map	_____
2.	Soil Conservation Service Soils Map	_____
3.	Groundwater Users Survey	_____
4.	Surface Water Survey	_____
5.	Wastewater Treatment Process Narrative	_____
6.	Wastewater Treatment Process Diagram	_____
7.	Industrial Pretreatment Information	_____
8.	Industrial Effluent Analysis	_____

**NOTICE OF INTENT TO APPLY
401 KAR 48:200 SECTION 2**

APPLICATION NO. _____ (LEAVE BLANK ON FIRST SUBMISSION)

FEE SUBMITTED \$ _____ COUNTY _____ DATE _____

1. Name of Applicant _____
Address _____
City _____ State _____ Zip Code _____
Contact Person _____
Phone Number (_____) _____

2. List the name, address, and telephone number of the waste producer(s).

Waste Producer(s)	Address	Telephone Number	KPDES Permit Number

3. List the name, address and telephone number of the landowner(s) of the proposed landfarming site(s).

Landowner	Address	Telephone Number

4. Sludge Analysis:

<u>Parameter</u>	<u>(Wet Weight)</u>	<u>Concentration</u> <u>(Dry Weight Conversion)</u>
pH	_____	
Total Solids Content	_____ %	
Volatile Solids Content	_____ %	
Total Phosphorus	_____ (PPM)	_____ (PPM dry wt.)
Total Potassium	_____ (PPM)	_____ (PPM dry wt.)
Total Kjeldahl Nitrogen (TKN)	_____ (PPM)	_____ (PPM dry wt.)
Ammonium Nitrogen (NH ₄ -N)	_____ (PPM)	_____ (PPM dry wt.)
Nitrate Nitrogen (NO ₃ -N)	_____ (PPM)	_____ (PPM dry wt.)
Cadmium	_____ (mg/l)	_____ (mg./kg. dry wt.)
Copper	_____ (mg/l)	_____ (mg./kg. dry wt.)
Lead	_____ (mg/l)	_____ (mg./kg. dry wt.)
Nickel	_____ (mg/l)	_____ (mg./kg. dry wt.)
Zinc	_____ (mg/l)	_____ (mg./kg. dry wt.)
Chromium	_____ (mg/l)	_____ (mg./kg. dry wt.)
Polychlorinated Biphenyls (PCBs)	_____ (mg/l)	_____ (mg./kg. dry wt.)

NOTE: The results reported above must be an average of at least two (2) recent analysis' taken no closer than thirty (30) days apart. Attach a copy of the actual analysis.

Sludge should be analyzed wet with dry weight (mg/kg), derived using the following equation:

$$\text{mg/l} : (\% \text{ solids}/100) = \text{mg/kg Dry Weight}$$

5. Provide as Attachments the following items:

- A cover letter briefly describing the proposed operation.
- An original, current seven and one-half (7.5) minute United States Geologic Survey Quadrangle Topographic Map with the proposed landfarming site boundary clearly marked. Label as **Attachment 1**.
- A Soil Conservation Service Soils Map with the proposed landfarming site boundary clearly marked. Label as **Attachment 2**.

- A survey of all groundwater wells and springs within a one-half (1/2) mile radius of the proposed landfarming site boundary. Complete **Attachment 3**.
- A survey of all surface water bodies within a one-half (1/2) mile radius of the proposed landfarming site boundary. Complete **Attachment 4**.
- A narrative description of the wastewater treatment process including design capacity, current hydraulic operating conditions, and the sludge treatment systems. All chemicals used in the treatment process shall be listed by type and amount used. Label as **Attachment 5**.
- A schematic diagram showing the treatment plant process. Label as **Attachment 6**.
- For publicly owned treatment works with pretreatment programs, a list of facilities which discharge waters to the treatment system and the quantities and characteristics of the wastes that are discharged to the facility. Use **Attachment 7 and 8**.

6. "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for such violations."

Signature and Title (Mayor or Corporate Officer per 401 KAR 47:160 Section 6)

(Type or Print) Name and Title

Date

Subscribed and sworn to before me by _____

This the _____ day of _____, 19____

Notary Public Signature _____

My Commission Expires _____

ATTACHMENT 7
INDUSTRIAL PRETREATMENT INFORMATION
 Item # 5

For each industry discharging process wastewater to the POTW, complete the following information. Also, include those industries which have not begun, but which are expected to begin discharging process wastewater in the near future. (Use additional sheets if necessary.)

NAME OF INDUSTRY (Company Name)	SIC CODE(S)	NATURE OF BUSINESS	NAME OF CATEGORY REGULATED UNDER FEDERAL PRETREATMENT STANDARDS IF APPLICABLE	AVERAGE AND MAXIMUM DISCHARGE (GPD)	TYPE OF DISCHARGE (BATCH OR CONTINUOUS)

Use Additional Sheets if Necessary

ATTACHMENT 8

INDUSTRIAL EFFLUENT ANALYSIS

For each industry listed in Attachment # 7, state the average and maximum concentrations for the following pollutants discharged over the past year. For those industries which have not begun discharging, list their anticipated effluent concentrations. (If not monitored, write NM.)

***TTO = Total Toxic Organics**

[illegible]

Use Additional Sheets if Necessary

ATTACHMENT 3 GROUNDWATER SURVEY

Complete the following form for all known groundwater wells and springs within a one-half (1/2) mile radius of the proposed landfarming site boundary.

[illegible]

ATTACHMENT 4

SURFACE WATER SURVEY

Complete the following form for all known surface water bodies within a one-half (1/2) mile radius of the proposed landfarming site boundary.

[illegible]